

# Andrew Castille

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## EDUCATION

### University of Texas at San Antonio CLASS OF 2022

Pursuing a B.S. in computer science with a concentration in software engineering.

### Cedar Ridge High School GRADUATED MAY 2018

- STEM Academy
- German Club
- National Math Honor Society (MAΘ)
- Engineering & Robotics Clubs
- Set up 3D printing services

## EXPERIENCE

### Website Administrator MAY 2014-PRESENT

Wilson & Associates, LLC Tallahassee, FL

- Design and manage client websites with frontend JavaScript/jQuery and backend PHP
- Manage Linux virtual servers running WordPress on Apache with MySQL
- Digital content in Adobe InDesign & Photoshop, Microsoft Word, and their open-source alternatives

### Full-Stack/Game Developer DECEMBER 2013-PRESENT

Children of Ur Distributed

- Built and continue to manage the website, including integration with the game server
- Write game code in Dart, both client- and server-side, as well as web applications in Python/Flask
- Handle customer support through email and social media
- Use the Git version control system, GitLab + CI, and Slack to collaborate with other developers

### Python Developer JULY 2017-AUGUST 2018

Home Assistant Distributed

- Wrote components and documentation to integrate with the DoorBird video doorbell and Rachio smart integration system in Python 3

## SKILLS

### Programming Languages

- Dart ■■■■■
- HTML/CSS/JS ■■■■■
- PHP ■■■■□
- C/C++ ■■■■□
- Python ■■■■□
- Java ■■■□□
- C# with .NET Core ■■■□□
- MySQL and PostgreSQL ■■□□□

### Software

- Professional development tools such as the IntelliJ platform and derivatives
- REST API design, implementation, and usage
- Full-stack web application development
- Native application development, including GUI toolkits such as Qt and WPF
- Linux system and server management
- NGINX web and proxy server configuration
- CAD with Autodesk Inventor, Autodesk Fusion 360, OpenSCAD, and SolidWorks
- Adobe Photoshop and Adobe InDesign

### Hardware

- Desktop computer repair
- Microcontroller programming and FPGA circuit design
- Circuit design in tools such as NI Multisim
- Home automation including sprinklers, thermostats, and alarms

## CERTIFICATION

Autodesk Inventor Certified User

2017